What is claimed is:

1   1. A light emitting apparatus, comprising:

2   a plurality of surface mount device type light emitting

3   diode elements;

4   a circuit board on which the plurality of surface mount

5   device type light emitting diode elements are mounted; and

6   a plurality of convex lenses each of which covers the light

7   extraction side of corresponding one of the plurality of surface

8   mount device type light emitting diode elements;

9   wherein the lens optical axis of at least one of the

10   plurality of convex lenses does not coincide with an axis that

11   passes through the center of corresponding one of the plurality

12   of surface mount device type light emitting diode elements and

13   is perpendicular to the circuit board.

1   2. A light emitting apparatus, comprising:

2   a plurality of surface mount device type light emitting

3   diode elements;

4   a circuit board on which the plurality of surface mount

5   device type light emitting diode elements are mounted; and

6   a plurality of convex lenses each of which covers the light

7   extraction side of corresponding one of the plurality of surface

8   mount device type light emitting diode elements;

9   wherein: lines to connect between centers of the

10   plurality of surface mount device type light emitting diode

11   elements define a virtual convex polygon; the lens apex of at

12   least one of the plurality of convex lenses is located further

13   than the position just over the corresponding light emitting

14 diode element when viewing from the gravity point of the virtual

15 convex polygon; and the lens optical axis is located on a plane

16 that is defined by the optical axis of corresponding light

17 emitting diode element and a straight line perpendicular to the

18 circuit board and passing through the gravity point of the

19 virtual convex polygon, and intersects with the straight line.

1   3. A light emitting apparatus, comprising:

2   a plurality of surface mount device type light emitting

3 diode elements;

4   a circuit board on which the plurality of surface mount

5 device type light emitting diode elements are mounted; and

6   a plurality of convex lenses each of which covers the light

7 extraction side of corresponding one of the plurality of surface

8 mount device type light emitting diode elements;

9   wherein: lines to connect between centers of the

10 plurality of surface mount device type light emitting diode

11 elements define a virtual convex polygon; the lens apex of the

12 plurality of convex lenses is located further than the position

13 just over the corresponding light emitting diode element when

14 viewing from the gravity point of the virtual convex polygon;

15 and the lens optical axis is not parallel to and does not

16 intersect with a straight line perpendicular to the circuit

17 board and passing through the gravity point of the virtual

18 convex polygon.

1   4. The light emitting apparatus according to claim 2,

2 wherein:

3   the optical axes of the plurality of convex lenses

4 intersect with each other at one point on the straight line

5 perpendicular to the circuit board and passing through the

6 gravity point of the virtual convex polygon.

1   5. The light emitting apparatus according to claim 2,

2 wherein:

3   the virtual convex polygon is a regular polygon.

1   6. The light emitting apparatus according to claim 2,

2 wherein:

3   the virtual convex polygon is a regular triangle.

1   7. The light emitting apparatus according to claim 1,

2 wherein:

3   the plurality of convex lenses are integrated in

4 construction.

1   8. The light emitting apparatus according to claim 1,

2 wherein:

3   each of the plurality of convex lenses has a convex surface

4 on the side of corresponding surface mount type light emitting

5 diode element.

1   9. The light emitting apparatus according to claim 7,

2 wherein:

3   the plurality of convex lenses includes a common boundary

4 region that has a flat surface on the light extraction side.

1   10. The light emitting apparatus according to claim 1,

2   further comprising:

3   a reflector that is disposed to surround the plurality

4   of convex lenses.